fold increase in the micro emission of the jupiter lasting a few minutes after the impact of E-Component. These observations were taken with the help of indigenously built milimeter Wave telescope. Scientists of the IIA also monitored the event at 30 MHZ with the help of Acoustic optic Spectrograph at Gauri Bidanur.

Radio observations at 4 GHZ frequency were also taken by Physical Research Laboratory in collaboration with Space Application Centre, Ahmedabad. Events have been recorded on 19-20-21 July, 1994.

(b) In India, the following observatories are involved in the programme of observations and analysis:

i. Vainu Bappu Observatory, Kavalur, (Karnataka) of the Indian Instt. of Astrophysics (IIA) Bangalore

ii. Kodaikanal Observatory of IIA.

iii. Gauribidanur Observatory of IIA.

iv. Japal Rangapur Observatory at Osmania University Ooty

v. Radio Telescope

vi. Giant Meterwave Radio Telescope (GMRT) Pune

vii. Uttar Pradesh State Observatory (UPSO), Nainital

The other institutions similarly involved includes National Physical Laboratory, New Delhi, Tata Institute of Fundamental Research, Bombay, Nehru Planetarium, New Delhi.

All of the above mentioned agencies are sponsored by the Government.

(c) and (d) No, Sir.

(e) and (f) No, Sir.

Oceansat Project

4220. SHRI G.Y. KRISHNAN: Will the PRIME MINISTER be pleased to state:

(a) whether Government have asked the Indian Space Research Organisation (ISRO) to prepare a feasibility report for the Oceansat Project, proposed by the Department of Ocean Development (DOD);

(b) if so, the salient features of this Report;

(c) the capital outlay involved in the execution of this project;

(d) the stage at which it stands at present and whether Government propose to arrange funds for it in the event of ISRO refusing to contribute funds; and

(e) if not, what is the likely fate of this project?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRI BHUVNESH CHATURVEDI): (a) Yes, Sir. An inter-departmental Joint Study Team was constituted between Department of Space (DOS) and Department of Ocean Development (DOD) to prepare a feasibility report for realisation of a dedicated remote sensing satellite mission for ocean applications (Oceansat).

(b) The Joint Study Team, after examining the state-of-the-art technology developments in ocean remote sensing applications, has recommended five payloads, namely, Ocean Color Monitor, Scatterometer, Altimeter, Thermal Infrared Sensor and Passive Microwave Radiometer for inclusion in the propose ocean Satellite Mission. The Joint Study Team has also identified a suitable spacecraft configuration besides the

schedule and budget details for realising the satellite.

(c) the capital outlay required for the execution of this satellite mission is estimated to be around Rs. 250.00 crores which includes cost of payloads, spacecraft and launch.

(d) At present, DOS and DOD are working out details towards preparing a project proposal for obtaining necessary approval for realising the proposed satellite mission. In the meanwhile, necessary preparatory action for the development of payloads has already been initiated by DOS.

(e) Does not arise since Indian Space Research Organisation of Department of Space has not refused to contribute funds.

12.00 NOON

(The Deputy Chairman *in the Chair***)**

PAPERS LAID ON THE TABLE

Notifications of the Ministry of Labour

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRIMATI MARGARET ALVA): On behalf of Shri P.A. Sangama Madam I lay on the Table, under sub-section (2) of section 7 of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952, a copy each (in English and Hindi) of the following Notifications of the Ministry of Labour, together with explanatory memoranda on the Notifications thereon:—

(1) G.S.R. No. 292, dated the 18th June, 1994, publishing the Employees' Deposit Linked Insurance (Amendment) Scheme, 1994.

(2) G.S.R. No. 293, dated the 18th June, 1994, publishing the Employees' Family Pension (Amendment) Scheme, 1994.

(3) G.S.R. No. 294, dated the 18th June, 1994, publishing the Employees' Provident Fund (Amendment) Scheme, 1994. (Placed in Library *See* No. LT 6396/94)

Memorandum of Understanding (1994-95) between Government of India and the Uranium Corporation of India Limited and the Nuclear Power Corporation of India Limited

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND SPACE AND MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECNOLOGY (SHRI BHUVNESH CHATURVED): Madam lay on the Table a copy each (in English and Hindi) of the following papers:—

(i) Memorandum of Understanding between the Government of India (Department of Atomic Energy) and the Uranium Corporation of India Limited for the year 1994-95. (Placed in Library *See* No. LT 6343/94)

(ii) Memorandum of Understanding between the Government of India (Department of Atomic Energy) and the Nuclear Power Corporation of India Limited for the year 1994-95. (Placed in Library *See* No. LT 6344/94)

Memorandum of Understanding (1994-95) between the Government of India and the Paradeep Phosphates Limited

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND MINISTER OF STATE IN THE DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN